REMARKS

INTRODUCTION

In accordance with the foregoing, claims 1-4, 6, 7, 11, 14-17, 19-22, 24, 25, 35-43 and 45-49 have been cancelled. New claims 50-56 have been added. Claims 50-56 are pending and under consideration.

CLAIM REJECTIONS

Claims 1-4, 11, 16, 17, 19-22, 36-38, 40, 42, 43, 45 and 47 were rejected under 35 USC 103(a) as being unpatentable over Corey et al. (US 5,703,655) (hereinafter "Corey") in view of Kawase et al. (EP 1 063 797) (hereinafter "Kawase").

Claims 35, 39, 41, 46 and 48 were rejected under 35 USC 103(a) as being unpatentable over Corey in view of Kawase and further in view of Chen (US 2002/0136538) (hereinafter "Chen").

Claims 6, 7, 24, and 25 were rejected under 35 USC 103(a) as being unpatentable over Corey in view of Kawase and further in view of Jain et al. (US 6,360,234) (hereinafter "Jain").

Claims 14 and 15 were rejected under 35 USC 103(a) as being unpatentable over Corey in view of Kawase and further in view of Thomas et al. (US 6,847,395) (hereinafter "Thomas").

Claim 49 was rejected under 35 USC 103(a) as being unpatentable over Corey in view of Kawase and further in view of Official Notice.

Claims 1-4, 6, 7, 11, 14-17, 19-22, 24, 25, 35-43 and 45-49 have been cancelled.

NEW CLAIMS

New claims 50-56 has been added to present alternate recitations of the present invention.

New claim 50 recites a digital television receiver comprising: a digital Advanced Television Standard Committee (ATSC) tuner tuning to a channel to receive a digital television signal; and a parser configured to parse system information included in the received signal, wherein the system information includes feature information to indicate a category of the digital television signal.

New claim 51 recites a receiver comprising: a digital ATSC tuner tuning to a channel to receive a digital television signal and auxiliary information; and a parser configured to parse the

auxiliary information, wherein the auxiliary information includes feature information to indicate a category of the digital television signal.

New claim 52 recites a receiver comprising: a tuner configured to receive a digital television signal; and a parser configured to parse category information from the received data, wherein the category information includes a program title.

New claim 53 recites a receiver comprising: a receiving unit configured to receive a digital television signal; and a parser configured to parse information which is provided by a Program and System Information Protocol (PSIP) included in the received data.

New claim 54 recites a method comprising: receiving a digital television signal and auxiliary information which is not included in the digital television signal; determining category information based on the received auxiliary information; and searching the digital television signal based on the determined category information.

New claim 55 recites that the category information includes a program title.

New claim 56 recites that a compression ratio is determined based on the category information, and the received digital television signal is stored in accordance with the determined compression ratio.

New claims 50-56 recite features that are not discussed in the relied upon references.

For example, regarding new claim 50, the parser configured to parse system information included in the received signal, wherein the system information includes feature information to indicate a category of the digital television signal is a feature not discussed in the relied upon references. By parsing system information included in the received signal, where the system information includes feature information to indicate a category of the digital television signal, the category information of the signal is stored when the signal is recorded on a storage medium so that the A/V signal stored in the storage medium is searched for by category. Thus, a user is allowed to easily search for a desired signal even if many A/V signals are stored in the storage medium.

As a further example, regarding claim 56, the feature where the received digital television signal is stored in accordance with the determined compression ratio is also not discussed in the relied upon references. For example, the Office Action relies on Chen to show the feature of determining a compression ratio. However, Chen only discusses adjusting bit rate based on the type of video program and does not discuss determining from the **category item** the compression ratio to store the received digital television signal.

No new matter has been added, and entry and consideration are respectfully requested.

CONCLUSION

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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